COE Community Process for Web COP

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What Problem are We Trying to Solve?

- **Need a new way to provide COE capabilities that leverages the considerable investment and development efforts that are already ongoing in the Services**

- **COE WebCOP schedule perceived as being too late for fielding programs**

What are we Proposing?

- **A "COE Community Process" Pilot Program**
  - **Tightly focused on providing the WebCOP capability**
- **A radical shift in how the DOD builds joint software**
  - **Community development in a controlled environment**
  - **Loosely Modeled on the Java Community Process**

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Definition of WebCOP

- **Map and Track Display capability tailored for thinner clients than are currently supported:**
  - **Static (Browser only)**
  - **Dynamic (Browser with variable amounts of functionality and application code deployed to the client)**
  - **Small devices (Personal Digital Assistants, etc.)**

How Will it Work?

- **Exact details to follow.**
- **The following are our current thoughts**
- **DISA will provide:**
  - **Success criteria (what has to happen for a Web COP solution to be included in the COE)**
  - **Expert Group support**
  - **Source code, as necessary (!!!)**
  - **Resources to review and roll community changes into the COE baseline (also known as "the Golden Baseline")**
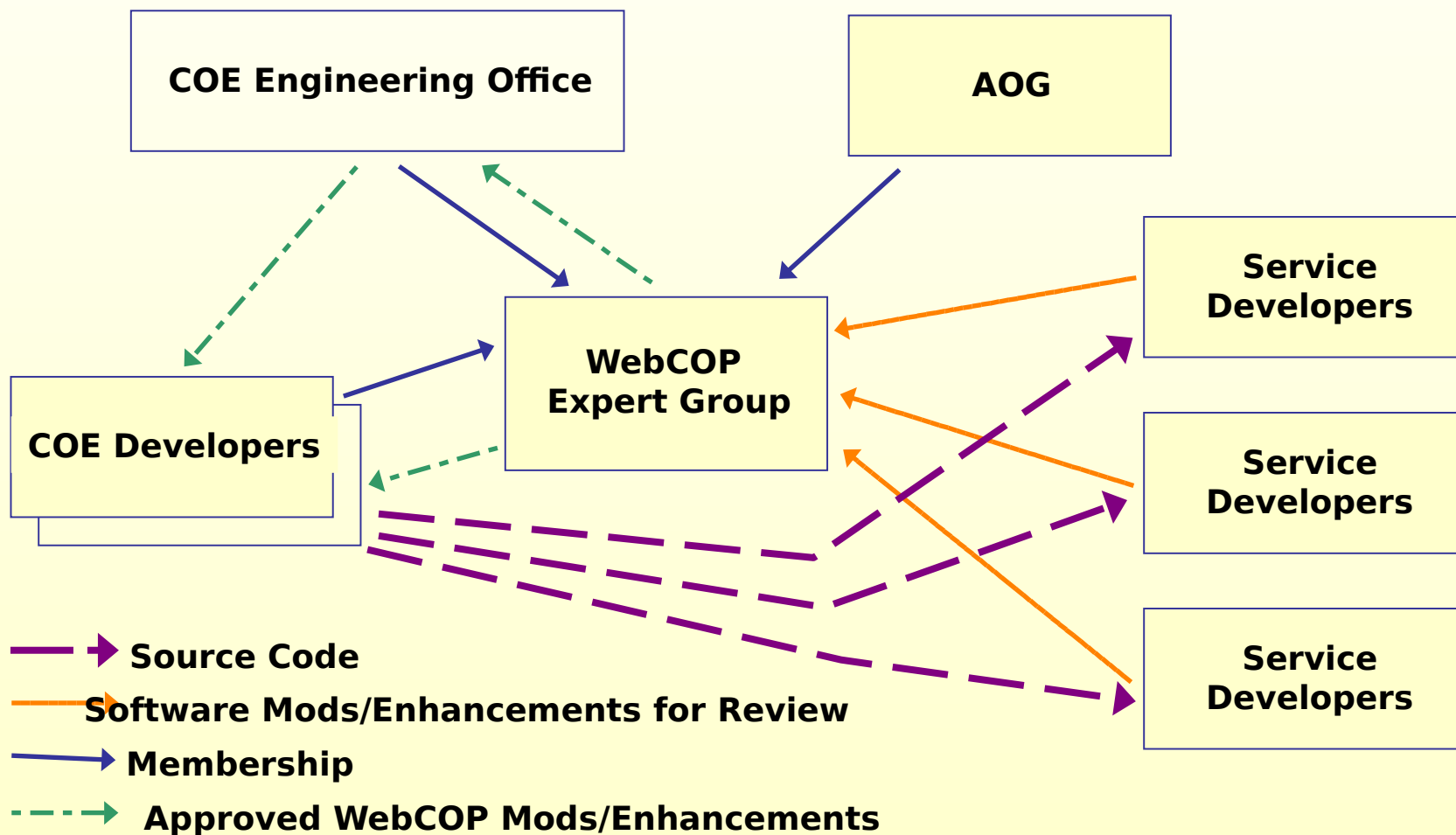
- **The Services/Agencies will provide:**
  - **Development resources**
  - **"Expert Group" Membership**
  - **Modifications to the COE Source Code to be rolled back into the Golden Baseline**
  - **Extensions to the COE, as approved by the Expert Group and the COE Engineering Office**

What Does it Look Like?

Why Should I Participate?

- **Successful solution or solutions will be included in the COE**
  - **Services can compete for the "COE Brand"**
- **If you do not participate, you are agreeing to use someone else's solution**
- **Web COP solutions being developed outside of this process lose their excuse to not become COE compliant**
  - **We can't go any farther than providing source code**

What are the Success Criteria?

- **Mostly still to be developed, however,**
- **Common API set between current ICSF visualization and web-based framework WILL be the primary requirement**
  - **COE will not require applications to be built twice to fit into two different frameworks**
- **As long as the primary requirement is met, multiple solutions will be allowed**
  - **This is not encouraged, but it is a possible outcome**
  - **DISA would prefer a cooperative effort across the Services**
- **Solutions must still go through COE approval to be included as a COE component**

Source Code Release

- **Source code will be released as approved by the Expert Group and the COE Chief Engineer**

- **Source code will be "licensed"**
  - **Fielding any version other than the DISA Golden Baseline will be a violation of the license**
  - **Violators can be prosecuted**
    - **Potential legal action for corporate entities**
    - **Potential "cut-off" from future access to the source code for government entities**
  - **Details to be worked, but we are serious about preserving a single fielded baseline for the COE**

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Who Makes Up the Team?

- **Any organization willing to provide funding and agreeing to build to the success criteria defined by DISA**
  - **Must be "approved" by an AOG rep**
  - **Initially, will ask for one developer per service**
- **DISA will not be the lead developer**
  - **Role similar to SUN in the JAVA Community Process**

Who's on the Expert Group?

- **Skills:**
  - **Domain familiarity**
  - **Software design/architecture**
  - **Computer Science knowledge**
  - **Technically up to date**
- **Composition:**
  - **COE representative(s) (not the lead)**
  - **Only services/agencies that commit development resources (must have "skin in the game")**